

Claims

This claim listing will replace all prior versions:

1-13. (Canceled)

14. (Withdrawn) An isolated polypeptide having an amino acid sequence which comprises at least about ten consecutive amino acid residues of SEQ ID NO: 8.

15. (Withdrawn) The isolated polypeptide of claim 14, wherein the sequence comprises at least about fifteen consecutive amino acid residues of SEQ ID NO: 8.

16. (Withdrawn) The isolated polypeptide of claim 14, wherein the sequence is SEQ ID NO: 8.

17. (Withdrawn) The isolated polypeptide of claim 16, wherein said polypeptide is substantially purified.

18-31. (Canceled)

32. (Currently Amended) An isolated antibody which binds with specificity to MCT + a protein comprising the sequence of SEQ ID NO:8.

33-35. (Canceled)

36. (Previously Presented) The antibody of claim 32, wherein the antibody is substantially purified.

37. (Previously Presented) The antibody of claim 32, wherein the antibody is a monoclonal antibody.

38. - 41. (canceled)

42. (Withdrawn) A kit according to claim 44, further comprising instructional material which describes use of the suspension for at least one of inhibiting a tumor in a subject and treating a tumor in a subject.

43. (Withdrawn) A kit according to claim 45, further comprising a device for administering the suspension to a subject.

44. (Withdrawn) A method of making an antibody which binds with specificity to a portion of MCT-1, the method comprising immunizing a vertebrate with the portion of MCT-1 and thereafter isolating the antibody from the vertebrate.

45. (Withdrawn) The method of claim 38, further comprising isolating antibody-forming cells from the spleen of the vertebrate and fusing the isolated cells with a tumor cell to form a hybridoma that secretes a monoclonal antibody that binds with specificity to the portion of MCT-1.

46. (Withdrawn) A method of determining whether a cell is a tumor cell, the method comprising using the antibody of claim 32 to detect MCT-1 expression in the cell and comparing MCT-1 expression in the cell with MCT-1 expression in a non-tumor cell of the same type, whereby greater MCT-1 expression in the cell than in the non-tumor cell indicates the cell is a tumor cell.

47. (Withdrawn) The method of claim 41, wherein the cell and the non-tumor cell are human cells.

48. (canceled)